

NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING THE SAME

ABSTRACT

The invention provides novel human transmembrane (NOVTRAN), neuromedin (NOVNEUR), gonadtropin (NOVGON), and interleukin-1 receptor antagonist (NOVINTRA A and B) proteins (NOVX proteins) and isolated nucleic acid molecules encoding the same. Also provided are antibodies that immunospecifically bind to NOVX polypeptides or polynucleotides, or derivatives, variants, mutants, or fragments thereof. The invention additionally provides methods in which a NOVX polypeptide, polynucleotide, and antibody are used in the detection, prevention, and treatment of a broad range of pathological states. Also provided are method of diagnosing and treating a lung disease associated with differential expression of human interleukin-1 epsilon.